Comparisons of Job Characteristics

Focus Occupation: Patternmakers, Wood (51-7032)
Associated Occupation: Model Makers, Wood (51-7031)

Compare Knowledge
Compare Skills
Compare Abilities
Compare Detailed Work Activities
Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge — Similarity of Focus Occupation to Associated Occupation: 86

Focus Occupation: Patternmakers, Wood (51-7032)
Associated Occupation: Model Makers, Wood (51-7031)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Design	5.2	17.6	12.6	<<	Extensive education and/or training may be required
Engineering and Technology	5.7	14.0	11.4	<	Expanded education and/or training may be required
Production and Processing	6.0	13.7	10.1	<<	Extensive education and/or training may be required
Building and Construction	4.0	11.2	7.7	<<	Extensive education and/or training may be required
Mechanical	6.8	10.7	14.5	>>	Current knowledge level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills — Similarity of Focus Occupation to Associated Occupation: 65

Focus Occupation: Patternmakers, Wood (51-7032)
Associated Occupation: Model Makers, Wood (51-7031)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Operations Analysis	5.0	8.9	8.9	0	Current skill level may be sufficient
Operation Monitoring	6.6	8.5	8.6	0	Current skill level may be sufficient
Operation and Control	5.4	7.5	9.5	>	Skill level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 83

Focus Occupation: Patternmakers, Wood (51-7032)
Associated Occupation: Model Makers, Wood (51-7031)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Arm-Hand Steadiness	6.8	11.9	13.0	0	Current ability level may be sufficient
Finger Dexterity	7.6	11.9	10.5	<	Some improvement in abilities may be required
Visualization	7.5	11.2	10.0	<	Some improvement in abilities may be required
Control Precision	6.6	11.0	12.6	>	Current ability level is likely sufficient
Selective Attention	8.7	10.7	8.5	<	Some improvement in abilities may be required
Reaction Time	4.8	9.2	11.8	>	Current ability level is likely sufficient
Wrist-Finger Speed	3.2	5.7	7.3	>	Current ability level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 100

Focus Occupation: Patternmakers, Wood (51-7032)
Associated Occupation: Model Makers, Wood (51-7031)

Work Activities	Exclusivity of Activity
Adjust production equipment/machinery setup	25
Attach or mark identification onto products or containers	54
Examine products or work to verify conformance to specifications	15
Fabricate, assemble, or disassemble manufactured products by hand	11
Lay out woodworking projects	89
Maintain production or work records	19
Measure and mark reference points or cutting lines on workpieces	66
Monitor production machinery/equipment operation to detect problems	27
Operate metal or plastic fabricating equipment/machinery	54
Operate woodworking equipment/machinery	77
Perform safety inspections in manufacturing or industrial setting	33
Prepare building surfaces for paint, finishes, wallpaper, or adhesives	72
Read blueprints	10
Read specifications	23
Read technical drawings	7
Set up computer numerical control machines	69
Set up production equipment or machinery	51
Understand machine setup instructions	74
Understand technical operating, service or repair manuals	6
Use drafting or mechanical drawing techniques	50

Use hand or power tools	2
Use hand or power woodworking tools	65
Use precision measuring tools or equipment	17

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: n/a

Focus Occupation: Patternmakers, Wood (51-7032)
Associated Occupation: Model Makers, Wood (51-7031)

Tools and Technologies	Exclusivity
Tools and technology data is unavailable for one or both occupations.	

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.